

CURRICULUM VITAE

JEFFREY F. MOUNT

Center for Watershed Sciences
Department of Geology
University of California, Davis, CA 95616

Phone: (530)752-7092
FAX: (530)752-0951
Email: mount@geology.ucdavis.edu

EDUCATION

1980, Ph.D (Earth Science) University of California, Santa Cruz
1978, M.S. (Earth Science) University of California, Santa Cruz
1976, BA (Geosciences) University of California, Santa Barbara

APPOINTMENTS

2009-present: Founding Director, University of California Davis, Center for Watershed Sciences
1998-2009: Director, University of California Davis Center for Watershed Sciences
1996-2000, Chair, Department of Geology, University of California, Davis
1993-present: Professor, Department of Geology, University of California, Davis
1986 -1993: Associate Professor, Department of Geology, University of California, Davis
1980-1986: Assistant Professor, Department of Geology, University of California, Davis
1987-1988: Visiting Scholar, Flinders University, South Australia

RECENT SELECTED ACTIVITIES

2001-2005, Member, California State Reclamation Board, overseeing flood management and related ecosystem restoration in Central California
2001-2002, Member, US Army Corps of Engineers, Environmental Advisory Board advising Chief of USACOE on environmental policy
2003-2009, Chair, California Bay-Delta Authority Independent Science Board
2005-2009, Science Advisor, Governor's Delta Vision Task Force
2008-present, Member, Board of Directors, American Rivers
1995-present, advisor to multiple non-profits, and federal and state agencies on river restoration and water resource management activities

AWARDS AND HONORS

2001-present: holder, UC Davis Shlemon Chair in Applied Geosciences
2003-2006: co-holder, UC Presidential Chair in Undergraduate Education
2005 UC Davis Distinguished Public Service Award
2006 Harriett Wieder Award for Leadership in Pursuit of Southern California's Water Future

SELECTED RECENT PUBLICATIONS

- Yarnell, S., Viers, J. and Mount, J., 2010, Ecology and management of the spring snowmelt recession: *Bioscience*, v. 60, p. 114-127.
- Opperman, J., Galloway, G, Fargione, J., Mount, J. Richter, B. and Secchi, S., 2009, Sustainable floodplains through large-scale reconnection to rivers: *Science*, v. 326, p. 1487-1488.
- Hanak, E., Lund, J., Dinar, A. Gray, B., Howitt, R., Mount, J., Moyle, P., Thompson, B., 2009, Myths of California water—Implications and Reality. West-Northwest Journal of Environmental Law and Policy: v. 16, p. 1-74.
- Hammersmark, C., Dobrowski, S., Rains, M. and Mount, J., 2009, Simulated Effects of Stream Restoration on the Distribution of Wet-Meadow Vegetation, *Restoration Ecology*, in press.
- Lund, J., Hanak, E. Fleenor, W. Bennett, W., Howitt, R. Mount, J., Moyle, P., 2009, Comparing Futures for the Sacramento-San Joaquin Delta, University of California Press, Berkeley, in press.
- Florsheim, J.L., Mount, J.F., and Chin, A., 2008, Bank Erosion as a Desirable Attribute of Rivers. *BioScience*. V 58, p. 519-529.
- Hammersmark, C., Rains, M, and Mount, J., 2008, Quantifying the Hydrological Effects of Stream Restoration in a Montane Meadow, Northern California, USA: River Research and Applications, River Research and Applications, V 24, p. 735-753.
- Moyle, P.B, and Mount, J.F., 2007, Homogenous rivers, homogenous faunas: Proceedings of the National Academy of Sciences, v. 104, p. 5711-5712.
- Lund, J., Hanak, E., Fleenor, W., Howitt, R., Mount, J., Moyle, P., 2007, Envisioning Futures for the Sacramento-San Joaquin Delta, Public Policy Institute of California, San Francisco, CA., 324 pp.
- Mount, J.F., and R. Twiss, 2005, Subsidence, sea level rise, and seismicity in the Sacramento-San Joaquin Delta: San Francisco Estuary and Watershed Science, v. 3, article 5. <http://repositories.cdlib.org/jmie/sfews/vol3/iss1/art5>

CURRENT RESEARCH PROJECTS

- Regional Agreements, Adaptation, and Climate Change: New approaches to FERC licensing in the Sierra Nevada, California: Resources Legacy Foundation Fund.
Co-PIs: Jay Lund, Peter Moyle, Holly Doremus, Josh Viers
- Pulsed-flow impacts on Foothill Yellow-legged Frog: California Energy Commission.
Co-PI: Peter Moyle.
- Evaluation of Instream Flow Methodology in California: California Energy Commission.
Co-P's Peter Moyle and Matt Kondolf
- Delta Solutions Project: Stephen D. Bechtel, Jr. Fund, David and Lucile Packard Foundation, and Resources Law Foundation. Co-PI: Jay Lund
- California Water Resources of the Future: Public Policy Institute of California. Co-PI Jay Lund.

References:

Professor Jay Lund, Director
Center for Watershed Sciences
University of California
Davis, CA 95618

Professor Johnnie Moore
Department of Geosciences
University of Montana
Missoula, MT 59812

Professor John D. Milliman
Virginia Institute of Marine Science
The College of William and Mary
Gloucester Point, VA 23062